

Converting Colors

$Yxy(48.2807, 0.2401, 0.2451)$

Have a look what the booklet for
Yxy(48.2807, 0.2401, 0.2451)
contains.

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Color

Yxy(48.3576, 0.2399, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	91BAFF
RGB	145, 186, 255
RGB Percent	57%, 73%, 100%
CMY	0.4316, 0.2705, 0.0001
CMYK	0.43, 0.27, 0.00, 0.00
HSL	218°, 100%, 78%
HSV	218°, 43%, 100%
XYZ	47.2738, 48.3576, 101.4248
YIQ	181.6070, -46.5850, 12.7670

Conversions

Conversions Part 2

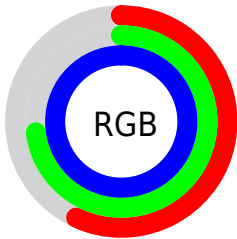
Format	Color
RYB	145, 175, 255
Decimal	9550591
CIELab	75.05, 3.70, -38.34
CIELCh	75, 38.520, 275.508
Yxy	48.3576, 0.2399, 0.2454
Android (android.graphics.Color)	4287740671 (0xFF91BAFF)
YUV	181.6070, 36.1827, -32.1043
Hunter-Lab	69.5396, -0.3481, -37.7978

Details

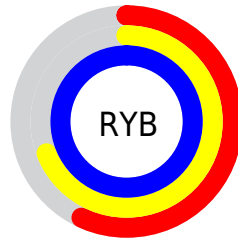
The Yxy color **48.3576, 0.2399, 0.2454** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.3349, 0.3941, 0.3996**, and the grayscale version is **46.3681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2808, 0.2807, 0.3152**, and **22.9270, 0.2212, 0.2244** is the 20% darker color. If you saturate the color by 10%, you get **39.9375, 0.2225, 0.2216**, and if you desaturate by 10%, it is **58.0537, 0.2576, 0.2679**.

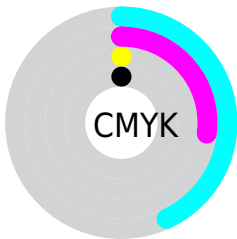
Distribution



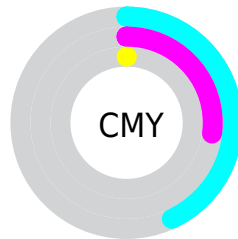
- Red (57%)
- Green (73%)
- Blue (100%)



- Red (57%)
- Yellow (69%)
- Blue (100%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3576, 0.2399, 0.2454 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 48.3576, 0.2399, 0.2454 by changing the saturation by 10% instead.

■ 48.3576, 0.2399,
0.2454

■ 48.3576, 0.2399,
0.2454

380.2078, 0.2750,
0.2853

■ 34.1102, 0.2317,
0.2362

■ 87.7366, 0.2523,
0.2594

■ 22.9782, 0.2214,
0.2247

■ 113.6369, 0.2571,
0.2648

■ 14.5774, 0.2084,
0.2103

144.1904, 0.2611,
0.2694

■ 8.5234, 0.1914,
0.1915

179.7813, 0.2647,
0.2734

■ 4.4316, 0.1685,
0.1666

220.7941, 0.2677,
0.2769

■ 1.9178, 0.1369,
0.1327

267.6132, 0.2705,

■ 0.5591, 0.0909,

0.2801

0.0817

320.6230, 0.2729,
0.2828

0.0000, 0.0000,
0.0000

48.3576, 0.2399,
0.2454

48.3576, 0.2399,
0.2454

39.9375, 0.2225,
0.2216

58.0537, 0.2576,
0.2679

32.7281, 0.2061,
0.1971

69.0760, 0.2751,
0.2886

26.6657, 0.1915,
0.1727

81.4779, 0.2920,
0.3073

21.6771, 0.1793,
0.1494

95.3084, 0.3079,
0.3241

17.6771, 0.1701,
0.1282

99.9981, 0.3127,
0.3290

■ 15.4377, 0.1654,
0.1152

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3576, 0.2190, 0.2609



48.3576, 0.2399, 0.2454



48.3576, 0.2804, 0.2498

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.3576, 0.2399, 0.2454



48.3576, 0.4151, 0.3468



48.3576, 0.2863, 0.3989

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.3576, 0.2399, 0.2454



71.3349, 0.3941, 0.3996

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.3576, 0.3384, 0.4246



48.3576, 0.2399, 0.2454



48.3576, 0.4150, 0.3874

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.3576, 0.2399, 0.2454



48.3576, 0.3844, 0.3057



48.3576, 0.3859, 0.4177



48.3576, 0.2436, 0.3489

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.3576, 0.2399, 0.2454



48.3576, 0.3151, 0.2625



48.3576, 0.3859, 0.4177



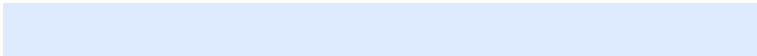
48.3576, 0.3033, 0.4110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.3594, 0.2399, 0.2454



81.7008, 0.2922, 0.3076



82.3096, 0.2734, 0.3788



16.8743, 0.2886, 0.3036



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.3594, 0.2399, 0.2454



40.8565, 0.2245, 0.2244



34.6975, 0.2399, 0.1972



18.4887, 0.2979, 0.3137



8.3307, 0.1662, 0.1182



1.0124, 0.1724, 0.1407

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.0334, 0.3829, 0.2864



38.2525, 0.4054, 0.2785



92.4451, 0.3683, 0.4392



18.0992, 0.3235, 0.3202



11.5689, 0.5492, 0.2799



1.1468, 0.5182, 0.2628

Previews

White Background



This preview shows how the Yxy color 48.3576, 0.2399, 0.2454 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 48.3576, 0.2399, 0.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

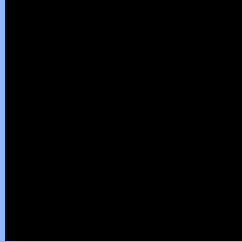
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

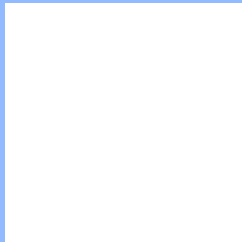
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3576, 0.2399, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 48.3576, 0.2399, 0.2454.



This preview shows how white text looks on a background with the Yxy color 48.3576, 0.2399, 0.2454.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.3576, 0.2399, 0.2454

Protanopia

48.3767, 0.2521, 0.2458

Deuteranopia

48.2530, 0.2486, 0.2424



Tritanopia

48.2233, 0.2586, 0.3072

Trichromacy



Original Color

48.3576, 0.2399, 0.2454

Protanomaly

48.1269, 0.2473, 0.2451

Deuteranomaly

48.0555, 0.2451, 0.2428

Tritanomaly

48.0710, 0.2514, 0.2832

Monochromacy



Original Color

48.3576, 0.2399, 0.2454

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9054, 0.2823, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3576, 0.2399, 0.2454 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(145, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 186, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(145, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.3576, 0.2399, 0.2454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 186, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(145, 186, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(145, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3576, 0.2399, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 186, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(145,  
186, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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